

PI 590107. *Malus sikkimensis* (Wenzig) Koehne ex C. Schneider

Collected 1936 in Unknown. Pedigree - Wild.

PI 590108. *Malus sikkimensis* (Wenzig) Koehne ex C. Schneider

Collected 1936 in Unknown. Pedigree - Wild.

The following were collected by T.R. Dudley, U.S. National Arboretum, USDA-ARS-NA, 3501 New York Ave. NE, Washington, District of Columbia 20002, United States. Donated by Rob Nicholson, The Arnold Arboretum of Harvard Univ., The Arborway, Jamaica Plain, Massachusetts 02130, United States. Received 01/02/1990.

PI 590109. *Malus* sp.

Collected 1980 in China. Shennongia Forest District, northwestern part of the Hubei Province, bounded on the west by Sichuan Province and on the south by the confluence of the Juichong and Dangyang Rivers. Pedigree - Wild. Comments:: Participants of the 1980 Sino-American Botanical Expedition observed a varied climate ranging from warm temperate to subtropical. A complex topography of steep mountainous terrain supports rich and varied flora (including relict families, genera and species).

PI 590110. *Malus* sp.

Collected 1980 in China. Shennongia Forest District, northwestern part of the Hubei Province, bounded on the west by Sichuan Province and on the south by the confluence of the Juichong and Dangyang Rivers. Pedigree - Wild. Comments:: Participants of the 1980 Sino-American Botanical Expedition observed a varied climate ranging from warm temperate to subtropical. A complex topography of steep mountainous terrain supports rich and varied flora (including relict families, genera and species).

The following were collected by C.S. Sargent. Donated by Rob Nicholson, The Arnold Arboretum of Harvard Univ., The Arborway, Jamaica Plain, Massachusetts 02130, United States. Received 01/02/1990.

PI 590111. *Malus hybrid*

Yellow Autumn Crab Apple. Collected 1890 in Japan. Pedigree - Wild.

The following were collected by T.R. Dudley, U.S. National Arboretum, USDA-ARS-NA, 3501 New York Ave. NE, Washington, District of Columbia 20002, United States. Donated by Rob Nicholson, The Arnold Arboretum of Harvard Univ., The Arborway, Jamaica Plain, Massachusetts 02130, United States. Received 01/02/1990.

PI 590112. *Malus yunnanensis* (Franchet) C. Schneider

Yunnan Crab Apple. Collected 1980 in China. Shennongia Forest District, northwestern part of the Hubei Province, bounded on the west by Sichuan Province and on the south by the confluence of the Juichong and Dangyang Rivers. Pedigree - Wild. Comments:: Participants of the 1980 Sino-American Botanical Expedition observed a varied climate ranging from warm temperate to subtropical. A complex topography of steep mountainous terrain supports rich and varied flora (including relict families, genera and species).

PI 590113. *Malus yunnanensis* (Franchet) C. Schneider

Yunnan Crab Apple. Collected 1980 in China. Shennongia Forest District, northwestern part of the Hubei Province, bounded on the west by Sichuan